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Alternate Performance/Achievement Descriptors for Grade 4 Math

Advanced	<p>The student at the Advanced level accurately and independently demonstrates the ability to carry out comprehensive content-specific performance indicators.</p> <ul style="list-style-type: none">• computes with addition• communicates relationships between categories• extends a pattern• explains reasoning about probability items• creates a pattern• computes with subtraction.• extends a growing pattern• describes characteristics• makes accurate predictions• estimates
Proficient	<p>The student at the Proficient level, given limited prompting, demonstrates the ability to respond accurately in performing a wide variety of content specific performance indicators.</p> <ul style="list-style-type: none">• represents data• compares categories• extends an alternating pattern• applies a number/word to a quantity of objects in a collection (few/many, one/many, more/less)• creates a repeating pattern• sets up a graph (i.e. labels axes)• makes a bar graph.• determines which number is closer to a quantity in a given set• predicts outcomes of a chance event• describes or recognizes characteristics of categories• has knowledge of vocabulary• sets up a bar graph with labeling• compares/contrasts quantity with manipulatives• answers questions about a graph

Nearing Proficiency	<p>The student at the Nearing Proficiency level, given moderate prompting, demonstrates the ability to respond accurately in performing a narrow set of content-specific performance indicators.</p> <ul style="list-style-type: none"> • finds the category with the most/least. • demonstrates one-to-one correspondence between, up to 12 objects and counting numbers (rational counting) • uses final number as quantity of a set • answers questions about a graph • counts using sequential order of numbers • extends alternating patterns • understands one-to-one correspondence • knows quantity of a set • represents/Records data by number or tally mark • counts to 15 in order • sorts/categorizes
Novice	<p>The student at the Novice level, given physical assistance and/or modeling, is supported to participate in content specific performance indicators.</p> <ul style="list-style-type: none"> • anticipates the beginning of a math activity • attends to materials being displayed • attends to another person demonstrating a procedure • demonstrates the concept of 1 • sorts objects into categories • attends to a person recording • attends to a task • readies self • attends to teacher